

[Top](#) > [All GNU Packages](#) > **GNU tar**

GNU tar - Creates tar archives

Can create tar archives, as well as other forms of manipulation. For example, you can use tar on previously created archives to extract files, store additional files, or update or list files which were already stored.

Tar can direct its output to available devices, files, or other programs (using pipes); tar can even access remote devices or files (as archives).

The program saves many files together into a single tape or disk archive, and can restore individual files from the archive. It includes multivolume support, the ability to archive sparse files, automatic archive compression/decompression, remote archives and special features that allow 'tar' to be used for incremental and full backups.

Obtaining

Web page	http://www.gnu.org/software/tar/	Version 1.13 (stable) released on 1999-07-08
Source tarball	http://ftp.gnu.org/pub/gnu/tar/tar-1.13.tar.gz	Version 1.13.19 (beta) released on 2000-01-17
		Licensed under The GNU General Public License, Version 2 or later.
		This is a GNU package.

Documentation

User manual available from <http://www.gnu.org/software/tar/manual/tar.html>

Support contacts

Bug List	<bug-tar@gnu.org>
----------	--

Project contacts

Maintainers	<ul style="list-style-type: none"> • Sergey Poznyakoff <gray@farlep.net> • Jeff Bailey <jbailey@nisa.net>
Developers	<ul style="list-style-type: none"> • John Gilmore • Thomas Bushnell • Paul Eggert <eggert@twinsun.com>
Contributors	<ul style="list-style-type: none"> • Jay Fenlason • Joy Kendall • Francois Pinard <pinard@iro.umontreal.ca>

Related information

Interfaces command line
Programs rmt
Source languages C

Entry information

License verified by Janet Casey <jcasey@gnu.org> on 2001-02-01
Entry compiled by Janet Casey <jcasey@gnu.org>

Categories

- [Top](#) > [All GNU Packages](#)
- [Top](#) > [All Packages in Directory](#)
- [Top](#) > [System administration](#) > [Backup](#)

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[Top](#) > [All GNU Packages](#) > **Paxutils**

Paxutils - Tool to manage file archives

The 'paxutils' packages is an attempt to merge 'cpio' with 'tar' and add support for the related 'pax' command and format required by POSIX. It isn't production quality yet: only test versions are available. The current stable versions of 'cpio' and 'tar' are separately maintained, but the goal is to integrate them into 'paxutils.'

Obtaining

Web page	http://www.gnu.org/directory/paxutils.html	Licensed under The GNU General Public License, Version 2.
Source tarball	ftp://alpha.gnu.org/pub/gnu/paxutils/paxutils-2.4h.tar.gz	
		This is a GNU package.

Documentation

English user reference in Texinfo

Support contacts

Announce List	<paxutils-announce@gnu.org>
Developer List	<paxutils-forum@gnu.org>

Project contacts

Maintainers	<ul style="list-style-type: none"> • Paul Eggert <eggert@twinsun.com> • Sergey Poznyakoff <gray@mirddin.farlep.net>
Developers	<ul style="list-style-type: none"> • John Gilmore • Jay Fenlayson • John Oleynick • Paul Eggert <eggert@twinsun.com> • Sergey Poznyakoff <gray@mirddin.farlep.net>
Contributors	<ul style="list-style-type: none"> • See the AUTHORS and THANKS files in the distribution for complete list

Related information

Interfaces command line
 Programs cpio, tar, pax, rmt, mt
 Source languages C
 Related programs [Cpio](#), [GNU tar](#)

Entry information

License verified by Janet Casey <jcasey@gnu.org> on 2001-07-25

Entry compiled by Janet Casey <jcasey@gnu.org>

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[Top](#) > [All GNU Packages](#) > **Gdb**

Gdb - GNU Debugger

GDB lets you to see what is going on 'inside' another program while it executes--or what another program was doing at the moment it crashed.

GDB lets you start your program, specify anything that might affect its behavior, make it stop on specified conditions, examine what has happened when your program has stopped, and change things in it, so you can experiment with correcting the effects of one bug and go on to learn about another.

Obtaining

Web page	http://www.gnu.org/software/gdb/gdb.html	Version 6.1 (stable) released on 2004-04-20
Source tarball	ftp://ftp.gnu.org/pub/gnu/gdb/gdb-6.1.tar.gz	Licensed under The GNU General Public License, Version 2 or later.
Source information	http://sources.redhat.com/gdb/download/	This is a GNU package.

Documentation

User manual available in HTML, PostScript, Texinfo, dvi, and ASCII formats from <http://www.gnu.org/software/gdb/documentation/>; User manual available in printed format from <https://agia.fsf.org/#manuals>

Support contacts

Announce List	<gdb-announce@sources.redhat.com> http://sources.redhat.com/gdb/mailing-lists/
Help List	<gdb@sources.redhat.com> http://sources.redhat.com/gdb/mailing-lists/
Help News	gnu.gdb.bug
Bug List	<gdb-prs@sources.redhat.com> http://sources.redhat.com/gdb/mailing-lists/
Bug Database	http://sources.redhat.com/gdb/bugs/

Project contacts

Maintainers	<ul style="list-style-type: none"> • Paul Hilfinger <hilfingr@cs.berkeley.edu> • Jim Blandy <jimb@redhat.com> • Andrew Cagney <cagney@redhat.com> • Robert Dewar <dewar@gnat.com> • Klee Dienes <klee@apple.com> • Stan Shebs <shebs@apple.com> • Todd Whitesel <toddpw@toddpw.org> • Dan Jacobowitz <dan@debian.org>
-------------	---

Developers	<ul style="list-style-type: none"> • Paul Hilfinger <hilfinger@cs.berkeley.edu> • Jim Blandy <jimb@redhat.com> • Andrew Cagney <cagney@redhat.com> • Robert Dewar <dewar@gnat.com> • Klee Dienes <klee@apple.com> • Stan Shebs <shebs@apple.com> • Todd Whitesel <toddpw@toddpw.org>
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Related information

Source repository	:pserver:anoncvs@sources.redhat.com:/cvs/src login password: anoncvs :pserver:anoncvs@sources.redhat.com:/cvs/src co gdb+dejagnu http://sources.redhat.com/gdb/current/
Interfaces	console
Source languages	C
Supported languages	C, C++, Fortran, Java, Chill, assembly, Modula-2, Objective C

Entry information

License verified by Matt Kraai on 2000-10-18

Entry compiled by Matt Kraai

Categories

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- [Top](#) > [Software development](#) > [Debugging](#)

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Set	Items	Description
S1	139	GNU(2N)UNIX
S2	69	S1 AND EDIT?
S3	3	S2 AND DUMP
S4	3	S3 NOT PY>2001
S5	2	RD (unique items)
S6	11	S1 AND (EDIT OR EDITS)
S7	9	S6 NOT PY>2001
S8	9	S7 NOT PD>20010524
S9	9	RD (unique items)
File	2:INSPEC 1969-2004/Apr W2	(c) 2004 Institution of Electrical Engineers
File	6:NTIS 1964-2004/Apr W3	(c) 2004 NTIS, Intl Cpyrght All Rights Res
File	8:EI Compendex(R) 1970-2004/Apr W2	(c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R) Cited Ref Sci 1990-2004/Apr W3	(c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online 1861-2004/Mar	(c) 2004 ProQuest Info&Learning
File	65:Inside Conferences 1993-2004/Apr W3	(c) 2004 BLDSC all rts. reserv.
File	92:IHS Intl.Stds.& Specs. 1999/Nov	(c) 1999 Information Handling Services
File	94:JICST-EPlus 1985-2004/Apr W1	(c)2004 Japan Science and Tech Corp(JST)
File	95:TEME-Technology & Management 1989-2004/Apr W1	(c) 2004 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs 1983-2004/Mar	(c) 2004 The HW Wilson Co.
File	103:Energy SciTec 1974-2004/Apr B1	(c) 2004 Contains copyrighted material
File	144:Pascal 1973-2004/Apr W2	(c) 2004 INIST/CNRS
File	202:Info. Sci. & Tech. Abs. 1966-2004/Feb 27	(c) 2004 EBSCO Publishing
File	233:Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	239:Mathsci 1940-2004/May	(c) 2004 American Mathematical Society
File	275:Gale Group Computer DB(TM) 1983-2004/Apr 22	(c) 2004 The Gale Group
File	434:SciSearch(R) Cited Ref Sci 1974-1989/Dec	(c) 1998 Inst for Sci Info
File	647:CMP Computer Fulltext 1988-2004/Apr W2	(c) 2004 CMP Media, LLC
File	674:Computer News Fulltext 1989-2004/Apr W2	(c) 2004 IDG Communications
File	696:DIALOG Telecom. Newsletters 1995-2004/Apr 21	(c) 2004 The Dialog Corp.

9/5,K/2 (Item 2 from file 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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02239122 SUPPLIER NUMBER: 53212314 (USE FORMAT 7 OR 9 FOR FULL TEXT)

BeOS 4.0 Announced 11/12/98.

Newsbytes, NA

Nov 12, 1998

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 896 LINE COUNT: 00071

COMPANY NAMES: Be Inc.

PRODUCT/INDUSTRY NAMES: 7372502 (Operating Systems)

SIC CODES: 7372 Prepackaged software

FILE SEGMENT: NW File 649

... First, he said, Be switched compilers from Metrowerks CodeWarrior to the freeware GNU-licensed GCC compiler. GNU (**Gnu** 's Not **Unix**) is one of several licensing systems used for open-source software in projects like the Linux OS...

...onto the Internet with Netscape under Windows and you pull down an AVI file. You want to **edit** it, so you go to BeOS and you **edit** it. You can write it back to your Windows partition and e-mail it to somebody -- assuming...

Set	Items	Description
S1	27	G()OPTION
S2	23	S1 NOT PY>2001
S3	22	S2 NOT PD>20010524
S4	19	RD (unique items)
File	2:INSPEC 1969-2004/Apr W2	(c) 2004 Institution of Electrical Engineers
File	8:EI Compendex(R) 1970-2004/Apr W2	(c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R) Cited Ref Sci 1990-2004/Apr W3	(c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online 1861-2004/Mar	(c) 2004 ProQuest Info&Learning
File	144:Pascal 1973-2004/Apr W2	(c) 2004 INIST/CNRS
File	275:Gale Group Computer DB(TM) 1983-2004/Apr 22	(c) 2004 The Gale Group
File	647:CMP Computer Fulltext 1988-2004/Apr W2	(c) 2004 CMP Media, LLC
File	674:Computer News Fulltext 1989-2004/Apr W2	(c) 2004 IDG Communications

4/5/2 (Item 1 from file: 8)
DIALOG(R) File 8: Ei Compendex(R)
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03683007 E.I. No: EIP93081047819

Title: Ddbx-LPP: A dynamic software tool for debugging asynchronous distributed algorithms on loosely coupled parallel processors

Author: Fernandez, Mariano G.; Ghosh, Sumit

Corporate Source: Brown Univ, Providence, RI, USA

Source: Journal of Systems and Software v 22 n 1 Jul 1993. p 27-43

Publication Year: 1993

CODEN: JSSODM ISSN: 0164-1212

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 9310W1

Abstract: It is generally accepted in the parallel processing community that powerful yet flexible debuggers are indispensable for the efficient programming of complex distributed synchronous and asynchronous algorithms on loosely coupled parallel processors. Traditional debugging systems, including POKER, permit a user to start, stop, and single-step a parallel program executing on a parallel processor while observing the successive changes of the traced variables and labels. These debuggers are limited in that the user must specify the list of variables and labels to be traced through the declaration section of each routine. As a result, the user may not alter the contents of this set once program execution has been initiated. More recently, debuggers such as ndb and dbxtool claim dynamic debugging support but are limited by clumsy user interfaces. While ndb works within a single window and requires the user to type commands, dbxtool is a simple collection of uniprocessor debuggers with no explicit coordination. PROVIDE claims to use graphical tools for debugging but is limited to a simplified programming language. Furthermore, both ndb and dbxtool are proprietary; few details, if any, on their software engineering design are available in the literature. This article details the software engineering issues in the design and implementation of an actual distributed dynamic runtime software debugger, Ddbx-LPP, that permits the user to view any global variable, structure, and parameter during program execution at any node of a parallel processor system. The system is exclusively mouse driven for relatively easy debugging. The user may insert breakpoints corresponding to any source code line, either before initiating execution or when program execution is temporarily suspended at a breakpoint. Furthermore, when the program, in the course of execution, experiences a nonrecoverable error, its execution is temporarily suspended and control is transferred to the user in a manner identical to the case of a deliberately inserted breakpoint. Although further execution is prohibited, Ddbx-LPP permits the user to view variables and structures to determine the cause of the error. Ddbx-LPP's unique ability may be credited to its significant analysis of the object code and symbol table, generated as a result of compilation under the `?- g ' option`, both before and during the actual execution of the program. In contrast to POKER, which requires a sequential programming environment, Ddbx-LPP may function with a user program written in C for any loosely coupled parallel processor. Ddbx-LPP is superior to user-inserted `?printf` statements to print out the values of variables and structures during execution because 1) to print all variables and structures would require an overwhelming number of `printf` statements, and 2) to insert new `printf` statements would mean program recompilation. Ddbx-LPP has been implemented on the ARMSTRONG system at Brown University and is equally applicable to any loosely coupled parallel processor system. (Author abstract) 28 Refs.

Descriptors: *Parallel processing systems; Program debugging; Algorithms; Computer aided software engineering; Distributed computer systems; Codes (symbols); Data structures

Identifiers: Asynchronous distributed algorithms; Distributed dynamic runtime software debugger Ddbx-LPP; Brown University

Classification Codes:

722.4 (Digital Computers & Systems); 723.1 (Computer Programming);

723.5 (Computer Applications)
722 (Computer Hardware); 723 (Computer Software)
72 (COMPUTERS & DATA PROCESSING)

4/5,K/6 (Item 1 from file: 275)
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02404265 SUPPLIER NUMBER: 62535512 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Bug removal; adb, sdb, gdb, ddd, ups… Peter Collinson dissects the
etymology of Unix debuggers..(Technology Information)**
EXE, 21(5)
June 1, 2000
ISSN: 0268-6872 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2831 LINE COUNT: 00210

DESCRIPTORS: UNIX; Technology overview

... for production compilations of the code. The GNU compilers have
always supported the joint use of the - **g option** along with code
optimisation. Assuming that you haven't completely removed the symbol table
with strip or...

4/5,K/7 (Item 2 from file: 275)
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02202021 SUPPLIER NUMBER: 20879089 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**A compilation recitation. (compiled expressions in regexp) (Unix at Large)
(Technology Tutorial) (Column) (Tutorial).**
Mallett, Fred
HP Professional, v12, n6, p26(2)
June, 1998
DOCUMENT TYPE: Column Tutorial ISSN: 0896-145X LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 1259 LINE COUNT: 00093

SPECIAL FEATURES: program; illustration
DESCRIPTORS: Programming Tutorial; Compiler/Decompiler; UNIX; C
Programming Language
FILE SEGMENT: CD File 275

... the file for a match for the regexp in the variable \$fp assigned on
line 2. The **g option** at the end of the regexp means to remember where
in the string it was found, so...

4/5,K/8 (Item 3 from file: 275)
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01887841 SUPPLIER NUMBER: 17986416 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Development tools.(Stirling Technologies InstallSHIELD 3) (Software
Review) (Evaluation)**
Nicolaisen, Nancy
Computer Shopper, v16, n2, p600(3)
Feb, 1996
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2661 LINE COUNT: 00224

ABSTRACT: Stirling Technologies' InstallSHIELD3 is a development utility
designed to ensure that Windows installation programs conform to quality
standards. It is built around a C-like scripting language called
InstallSCRIPT that is source-portable across Windows 3.1, Windows 95,
Windows NT, and 32-bit non-Intel systems. Creating a custom InstallSCRIPT

setup application involves taking a generic template and modifying setup rules. Basic installation strategies are defined in the SETUP.RUL file associated with a template. InstallSCRIPT supports both global and local variables if they are explicitly declared. Stirling provides an excellent Visual Debugger for scripts, which must be compiled with the - g option , under which InstallSHIELD 3 creates an executable that includes the symbolic information need to set code, monitor data and set breakpoints. The system is component-based and makes implementing a variety of end-user configurations easy. Windows 95 support is very strong.

COMPANY NAMES: Stirling Technologies Inc.--Products
DESCRIPTORS: Application Installation/Distribution Software; Software
Single Product Review
SIC CODES: 7372 Prepackaged software
TRADE NAMES: InstallSHIELD 3.0 (Application installation/distribution
software)--Evaluation
FILE SEGMENT: CD File 275

...ABSTRACT: are explicitly declared. Stirling provides an excellent Visual Debugger for scripts, which must be compiled with the - g option , under which InstallSHIELD 3 creates an executable that includes the symbolic information need to set code, monitor...

... an excellent Visual Debugger for installation scripts. The debugger requires that the script be compiled with the - g option in the script command line. Under the - g option 's direction, the InstallSHIELD3 Script Compiler creates an executable that includes the symbolic information needed to step...

4/5,K/9 (Item 4 from file: 275)
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01466928 SUPPLIER NUMBER: 11707242 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Acorn's new programmer's toolkits. (Software Review) (desktop environment
for RISCOS applications on the Archimedes) (includes related article on
Saber-C) (Evaluation)
Vogler, Jon
EXE, v6, n6, p39(4)
Nov, 1991
DOCUMENT TYPE: Evaluation ISSN: 0268-6872 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2645 LINE COUNT: 00197

ABSTRACT: Acorn Computers, the fifth largest microcomputer vendor in the UK in 1990, offers a set of three programmer productivity tools: Acorn Desktop C, Acorn Desktop Assembler, and the Desktop Development Environment. Acorn Desktop C is priced at 229 pounds sterling and can be used to write ANSI or K&R. Acorn Desktop Assembler seamlessly merges the assembler coding environment with the C environment. Desktop Assembler is priced at 149 pounds sterling. Desktop Development Environment is available with purchase of Desktop or Desktop Assembler. Three manuals, one for each product, are well written and helpful. The Desktop Development Environment converts programming into an interactive, two-dimensional process. The Make tool and the debugger are the most interesting interactive tools in the toolkit. The toolkit is a good value for the money.

COMPANY NAMES: Acorn Computers Ltd.--Products
DESCRIPTORS: Evaluation; Application Development Software; C Programming
Language; RISC
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Acorn Desktop C (Program development software)--evaluation;
Acorn Desktop Assembler (Program development software)--evaluation;
Desktop Design Environment (Program development software)--evaluation
FILE SEGMENT: CD File 275

... offered options: compiling without linking, preprocessing without

compiling including debug data in the object code (the cc - g option) and enabling 'throwback'. Throwback is a good example of how the separate DDE tools co-operate. If...

4/5,K/10 (Item 5 from file: 275)
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01465392 SUPPLIER NUMBER: 11622352 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tools for program development. (Software Review) (Saber-C and Ups Unix debuggers) (Evaluation)
Collinson, Peter
EXE, v6, n5, p89(4)
Oct, 1991
DOCUMENT TYPE: Evaluation ISSN: 0268-6872 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3579 LINE COUNT: 00255

ABSTRACT: Full-time programmers should seriously consider licensing Saber-C program development software; it promises huge productivity gains. The documentation is excellent. Saber-C runs on Sun OS 3.5 and later and Ultrix. UK distribution is handled by Pacemaker Software. The 2,400-pounds-sterling license fee includes one year's maintenance. Ups, a public domain debugger developed by the University of Kent Software Tools project, is very good. Despite a few rough edges, Ups is simple and easy to learn. Ups aims to be a graphical replacement for such Unix debugging systems as cdb and dbx. Ups supports all Sun Microsystem architectures and Ultrix as well as Fortran on the Sun-3, Sun Sparcstation and the DEC VAX.

COMPANY NAMES: Pacemaker Software--Distribution
DESCRIPTORS: Comparison; Application Development Software; Evaluation; Shareware; Debugging Tools; Kent, University of (Canterbury, England)
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Saber-C (Program development software)--evaluation; Ups (Debugging/testing software)--evaluation
OPERATING PLATFORM: Sun OS; UNIX; Ultrix; VAX/VMS
FILE SEGMENT: CD File 275

... can be loaded into Saber-C either in source form or as an object code module. The - g option to the compiler inserts debugging information into the object module. When the file is loaded as an... debugging systems like dbx or cdb. Like these tools you must compile your program specially using the - g option to get the compiler to pass loads of useful contextual information into the object file. You run...

4/5,K/11 (Item 6 from file: 275)
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01459279 SUPPLIER NUMBER: 11475916 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Ironwood Software. (cdb debugger) (includes related article on SQL Solutions' SQL Debug) (Software Review) (one of four evaluations of debuggers for IBM PC-based Unix programs in 'Off the shelf: Is this a bug I see before me? Debuggers to the rescue') (Evaluation)
Parker, Tim
UNIX Review, v9, n11, p76(3)
Nov, 1991
DOCUMENT TYPE: Evaluation ISSN: 0742-3136 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 996 LINE COUNT: 00075

ABSTRACT: cdb is an easy-to-use screen-oriented debugger from Ironwood Software Inc of Santa Clara, CA. This compact package offers macros, signal handling, assertions and breakpoints. cdb, an interactive debugger, presents two character-based windows for commands and sources. cdb would be a very good choice for programmers who do not need a powerful full-featured

debugger. Experts will find cdb a fast, clean debugger. cdb implements breakpoints well. One nice feature is cdb's ability to examine core dumps. The printed manual is only 20 pages, with a full reference manual available on disk. cdb works on Intel 80386-based Unix computers. Price is \$395 for a single-user license and \$495 for a multi-user license.

COMPANY NAMES: Ironwood Software Inc.--Products
DESCRIPTORS: Application Development Software; Evaluation; Debugging Tools; C Programming Language
SIC CODES: 7372 Prepackaged software
TRADE NAMES: cdb (Debugging/testing software)--evaluation
OPERATING PLATFORM: MS-DOS; UNIX; Intel 80386
FILE SEGMENT: CD File 275

... is supplied on disk.

cdb is an interactive debugger. After a program has been compiled with the **g option** and linked with the cdb run-time routine, it can be executed through cdb. cdb presents two...

4/5,K/12 (Item 7 from file: 275)
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01449938 SUPPLIER NUMBER: 11295385 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Languages. (help for readers) (tutorial)
Neuhaus, Trudy
PC Magazine, v10, n17, p432(2)
Oct 15, 1991
DOCUMENT TYPE: tutorial ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1006 LINE COUNT: 00073

FILE SEGMENT: CD File 275

... if you get this error you'll have to shorten the names of some other symbols.

The **\$ G option**, which controls the generation of 80286-specific code, is new with Version 6.0. By checking the...

4/5,K/13 (Item 8 from file: 275)
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01443365 SUPPLIER NUMBER: 11074387 (USE FORMAT 7 OR 9 FOR FULL TEXT)
!Beast!mail: letters to the editor. (UNIX file compression, the Next workstation, backup, X terminals and report card on Dolphin Server Technology's Triton 88 Model 25 server are discussed) (letter to the editor)
Groves, Jeff; Benner, Alan; Charlton, Ron; Levinson, Andy; Khadilkar, Sunil ; Neubert, John N.
UNIX Review, v9, n8, p8(3)
August, 1991
DOCUMENT TYPE: letter to the editor ISSN: 0742-3136 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1313 LINE COUNT: 00102

FILE SEGMENT: CD File 275

... product that lets you identify when a tape was created. This feature is built into BRU (the **g option**) and can be used to obtain complete information about an archive (including the creation time). In addition...

4/5,K/14 (Item 9 from file: 275)

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01385030 SUPPLIER NUMBER: 08792378 (USE FORMAT 7 OR 9 FOR FULL TEXT)

For your eyes only: keeping files private in a PC-based office.

(Utilities) (includes related articles on programming a bouncing ball to career around the screen during graphics blanking, on an alternate approach to creating a file security program and on PC Utilities that have been published to date) (tutorial)

Mefford, Michael J.

PC Magazine, v9, n15, p387(6)

Sept 11, 1990

DOCUMENT TYPE: tutorial ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4237 LINE COUNT: 00308

ABSTRACT: This tutorial provides the documentation for, and a discussion of, CONCEAL.COM, a computer program that is down-loadable from PC MagNet. The program is designed to provide office users with a way to secure their files against unwanted intrusion. CONCEAL.COM features password protection and a screen blanking function to protect sensitive files from prying eyes. The password feature is a low-level security function that will enable users of CONCEAL.COM to lock certain files on a disk so that they require a password for access. The screen blank feature will enable users to specify a given key that will automatically blank the screen, or a function that will blank the screen after a certain period of inactivity.

DESCRIPTORS: Type-In Programs; Tutorial; File Locking; Office Procedures; Systems/Data Security Software
FILE SEGMENT: CD File 275

... t like the dead-system look, you can use the /G blanking option instead of /B. The / G option first blanks the screen and then continuously bounces the image of a ball around on it. It...

...get the burn-in protection because the ball moves around, and the system certainly looks alive.

The / G option requires an additional 5K of RAM (1K of code and 4K for screen data) to save the.

4/5,K/15 (Item 10 from file: 275)

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01294639 SUPPLIER NUMBER: 07216766 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Entering data into screen forms. (column)

Rubel, Mac

Data Based Advisor, v7, n5, p43(3)

May, 1989

DOCUMENT TYPE: column ISSN: 0740-5200 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2335 LINE COUNT: 00165

ABSTRACT: Use a screen format to enter data into dBASE IV. The screen format is pleasing to look at. It helps check data before errors get into the files. The Records menu displays different options. Options allow the user to add new records, mark records for deletion, or undo changes made to a record. Another option allows the user to erase a record while keeping the structure of the record itself. To prevent others from damaging records, users can use a lock option. Other options in dBASE IV include freezing fields during a browse, freezing the cursor, blanking the field in which the cursor is located, and reducing the size of a field on the screen.

DESCRIPTORS: Data Management; Software; Tutorial; Data Entry; Screen Generators/Formatters

TRADE NAMES: Borland dBASE (Database application development software)
--Usage
FILE SEGMENT: CD File 275

... transfer directly to the Query Design screen. We'll discuss this in a later article.

The Alt- G option allows us to go to a specified place in the database. You can go to the top...

4/5,K/16 (Item 11 from file: 275)
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01260286 SUPPLIER NUMBER: 07206777 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Toward a single milieu. (integrated programming environments for UNIX.)
Weiser, M.; Deutsch, L.P.; Kessler, P.
UNIX Review, v6, n11, p64(8)
Nov, 1988
ISSN: 0742-3136 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4856 LINE COUNT: 00365

ABSTRACT: Neither current integrated programming environments (IPEs) nor computer-aided software engineering (CASE) tools provide UNIX programmers with productive programming facilities that address the many languages available under UNIX. Both IPEs and CASE tools are typically single-language systems. IPEs are targeted at improving individual programmer productivity by generating and verifying code while CASE tools improve productivity primarily through the management of non-coding processes involved in software development. CASE tools are also far more limited than IPEs in what design methodologies, tools and reports can be generated. Successful implementation of a viable IPE for UNIX requires four facilities: the ability to locate code, programming objects and other functions; powerful windows-oriented user interfaces, system seamlessness and incremental development processes.

DESCRIPTORS: UNIX; Computer-Aided Software Engineering; Application Development Software; Requirements Analysis; Implementation; System Development; Integrated Systems; Programming
OPERATING PLATFORM: UNIX
FILE SEGMENT: CD File 275

... currently the case. The most cooperation to be had from the C compiler occurs when using the - g option . The resulting object code contains complete information about the code, including filenames containing source, along with names...

4/5,K/17 (Item 12 from file: 275)
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01255485 SUPPLIER NUMBER: 07031831 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Objective-C. (object-oriented C programming language) (Software Review) (evaluation)
Tello, Ernest R.
Dr. Dobb's Journal of Software Tools, v15, n8, p56(8)
Aug, 1988
DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
; ABSTRACT
WORD COUNT: 4560 LINE COUNT: 00350

ABSTRACT: The Objective-C 3.31 object-oriented C language compiler from Stepstone Corp is an improved version of the C++ program. Objective C was designed to take advantage of object-oriented programming techniques in handling conventional programming projects. The compiler includes a driver program and the actual Objective-C program. Objective-C is better than its predecessor because it has a better syntax, more data structures and

functions plus dynamic binding in a C compiler environment so that objects are created at run time. Dynamic binding is one of the features that all artificial intelligence language have. Objective-C is different from other object-oriented systems such as Smalltalk in really being a hybrid language. Smalltalk-80 also has a larger class library.

SPECIAL FEATURES: illustration; photograph
COMPANY NAMES: Stepstone Corp.--Products
DESCRIPTORS: Object-Oriented Languages; C Programming Language;
Evaluation; Compiler
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Objective-C 3.31 (Compiler)--evaluation
PROGRAMMING LANGUAGE: C Programming Language
FILE SEGMENT: CD File 275

... To be able to work with Objective-C source in CodeView, it is necessary to use the -g option initially when compiling the application. Once done, you can bring up CodeView with Objective-C source displayed...

4/5,K/18 (Item 13 from file: 275)
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01208726 SUPPLIER NUMBER: 05264312 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Source Code Interactive Librarian 1.24 from H and S Associates. (Software Review) (one of six source code management system evaluations in 'Tracking Code Modules') (evaluation)
Vallino, Jim
PC Tech Journal, v5, n9, p50(15)
Sept, 1987
DOCUMENT TYPE: evaluation ISSN: 0738-0194 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1226 LINE COUNT: 00089

ABSTRACT: Source Code Interactive Librarian (SCIL) 1.24 from H and S Associates is a feature-rich source code management system (SCMS) that yet fails to perform. The \$349 package contains one program and a library of source files made of several frames, each of which corresponds to one source file module. Features include: interactive and user-specified modes; frame modification through several revision levels; referencing of the specific versions of a file for which a change is valid; separate file type libraries; file edit-locks; writing to all checked-out files; and a prompt to request overwrite permission. Cumbersome use follows from: help text files residing only in the current directory; minimal user customizing or file placement configuring - all library and frame files must be in the current directory; and hard-to-read, often poor documentation. Library files are large, and speed is slow. SCIL is alone in constraining control file contents: library file lines cannot begin with the control record character; and the control record character can be changed only before frames are actually stored in the library.
CAPTIONS: File revision using a delta. (chart); Revisions in a single file. (chart); Revisions of several related files. (chart); Source code management system features. (table); Source code management system performances. (table)

SPECIAL FEATURES: illustration; chart; table
COMPANY NAMES: H and S Associates--Products
DESCRIPTORS: Evaluation; Source Code; Tracking Systems; Disk/File Management Software; Computer-Aided Software Engineering; Application Development Software; Project Management Software; User Interface; Functional Capabilities; Specifications
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Source Code Interactive Librarian 1.24 (Program development software)--evaluation
FILE SEGMENT: CD File 275

... named testc.get and testh.get as defaults. This default file name

can be overridden with the - option , but no means is available to specify the desired file name from the command line. This makes...

4/5,K/19 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

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00573501 CMP ACCESSION NUMBER: UNX19900528S1319

**Choosing A FORTRAN Compiler - In A Test Of Three Portables, The
Unbreakable LPI Gets The Last Word**

BOB MOREIN

UNIX TODAY , 1990, n 046, 38

PUBLICATION DATE: 900528

JOURNAL CODE: UNX LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: TEC

WORD COUNT: 2436

TEXT:

Ultimately, you must wonder why antiquated FORTRAN lives on. There are several reasons. Applied mathematicians have been writing programs in FORTRAN since 1952; these programs are held in government archives and will probably never be recoded.

... only one is an optimization switch-yet SVS generates the fastest code.

DEBUGGERS

You can use the - g option with MicroWay to debug with sdb, but SVS and LPI both offer optional debuggers that are superior...